**Course: \_\_\_Math 6\_\_\_ CCSS Standard Number(s): 6NS4 Day: 1**

**Unit # and Title: Properties and Expressions Lesson Title: LCM Block(s)/Period(s): 1 2 3 4 5 6**

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| **Unit Essential Question(s):** | **How are variables used in math?**  **How can we generate equivalent expressions?** | | |
| **Learning Target(s)**  **“I can statements”** | **I can create a list of multiples for any number less than or equal to 12.**  **I can find the LCM of any two numbers less than or equal to 12.**  **I can determine whether to use LCM or GCF and then use it to solve a word problem.** | | |
| **Essential Vocabulary** | **multiple, least common multiple (LCM)** | | |
| **Resources and Materials** | **Teacher** | | **Student** |
| **OnCore book**  **Glencoe Text 5-4** | | **100s chart**  **Deck of cards**  **Versatiles and colored pencils** |
| **8 Mathematical Practices:** | | | |
| X 1. Make sense of problems and persevere in solving them.  2. Reason abstractly and quantitatively.  3. Construct viable arguments and critique the reasoning of others.  X 4. Model with mathematics. | | X 5. Use appropriate tools strategically.  X 6. Attend to precision.  X 7. Look for and make use of structure.  8. Look for and express regularity in repeated reasoning. | |
| **Activating Strategy**  **(Opening Activity)** | **Bellringer p.194 Glencoe C1**  **LCM 100s chart (Color in-show multiples, factors, etc.)**  **\*Ask: What are the differences between GCF and LCM? How are they alike?**  **(May want to record in notebook).** | | |
| **Cognitive Teaching Strategies**  **Me/We/Few/You**  **(TIP-Teacher input**  **SAP-Student actively participates**  **GP – Guided Practice**  **IP-Independent Practice)** | **Me: Continue 110s chart and introduce vocabulary**  **We: Examples 1 &2 OnCore book p27 -28**  **Few: Students try on own and continue from there based on results.**  **You and Partner: Deck of cards to play War- Find LCM of cards flipped** | | |
| **Summarizing Strategy**  **(Closing Activity)** | **Glencoe C1 p.196 Skill & Concepts Check (1-3)**  **\*Ask: What is the difference between GCF and LCM? Compare with what was said earlier.** | | |
| **Assessment/Homework** | **Versatiles, Word problem LCM** | | |
| **Extending/Refining** | **Snowball fight activity** | | |